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SOURCE Newspapers as indicated.

NEW HEAVY MACHINE INSTALLATIONS

MASS-PRODUCE STEAM TRACTORS -- Berlin, Taegliche Rundschau, 23 Sep 51

Assembly-line production of newly designed steam tractors has been started by the Lova branch factory in Vetschau. The first machines will be delivered before the end of 1951.

The per-ton-kilometer-cost of operating these machines is only about one eighth that for vehicles equipped with gasoline engines.

BUILD FIRST LARGE GLASS-GRINDING PLANT--Plauen, Freie Presse, 19 Sep 51

The first large-scale plate glass-grinding and polishing installation in the German Democratic Republic is under construction at the Aken (Elbe) Glass Works, a subsidiary of the Federation of People-Owned Glass-Manufacturing Enterprises for the Central Sector (VVB Mittelglass).

The new installation has 18 polishing and grinding slabs for plate up to 1½ meters wide. The entire plant is to be completed before the end of 1951.

HEAVY-MACHINE FACTORY UNDER WAY -- Berlin, Taegliche Rundschau, 23 Aug 51

The skeleton of the North Shop of the people-owned Union Machine Factory in Gera has been set up. Machines for the production of very heavy boring mills will be installed in this shop.

COMPLETE NEW FOUNDRY -- Berlin, Taegliche Rundschau, 25 Sep 51

A new foundry for the Vemag Machine-Building Factory, which belongs to the VVB ABUS (Federation of People-Owned Enterprises for Mining and Industrial Equipment), has been completed in Altenburg. The OST Metallurgical Combine will supply the crude iron.

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EXPAND MACHINE-BUILDING PLANT -- Chemnitz, Volksstimme, 14 Aug 51

The Modul Machine Works in Chemnitz recently started operation of their new Workshop I.

At present, the plant is working on hobbing machines for export to Poland and Hungary.

DEVISE NEW PROCESS FOR LINING BEARINGS -- Berlin, Taegliche Rundschau, 22 Sep 51

Engineer Breckholdt of the Wismar Shipyards has devised a process which makes it possible to heat the bearing housing with an induced current, instead of with open flame, when lining machine bearings with babbit metal. Application of this process will result in estimated savings of about 100,000 Deutsche marks per year.

REPLACE CAST ALUMINUM WITH MOLDED PLASTIC -- Berlin, Taegliche Rundschau, 21 Sep 51

The Buckau Equipment Plant in Magdeburg has converted from cast aluminum to molded plastic for the production of top pieces for electrical equipment casings. This change will result in a saving of approximately 55 tons of nonferrous metal per year and in a two-thirds reduction of manufacturing costs.

INTRODUCE NEW WELDING METHOD -- Berlin, Taegliche Rundschau, 29 Aug 51

The Buckau-Wolf Heavy Machine Building Plant in Magdeburg is the first enterprise in the German Democratic Republic to introduce the USSR's new method of welding with powdered slag. Application of the new process is to reduce the time required for welding a boiler by 80 percent.

OPERATE NEW ELECTRIC FURNACE -- Berlin, Taegliche Rundschau, 2 Aug 51

The initial heating of the first 5-ton electric furnace of the Doehlen Steel Mills in Dresden took place on 1 August.

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